FIG. 1

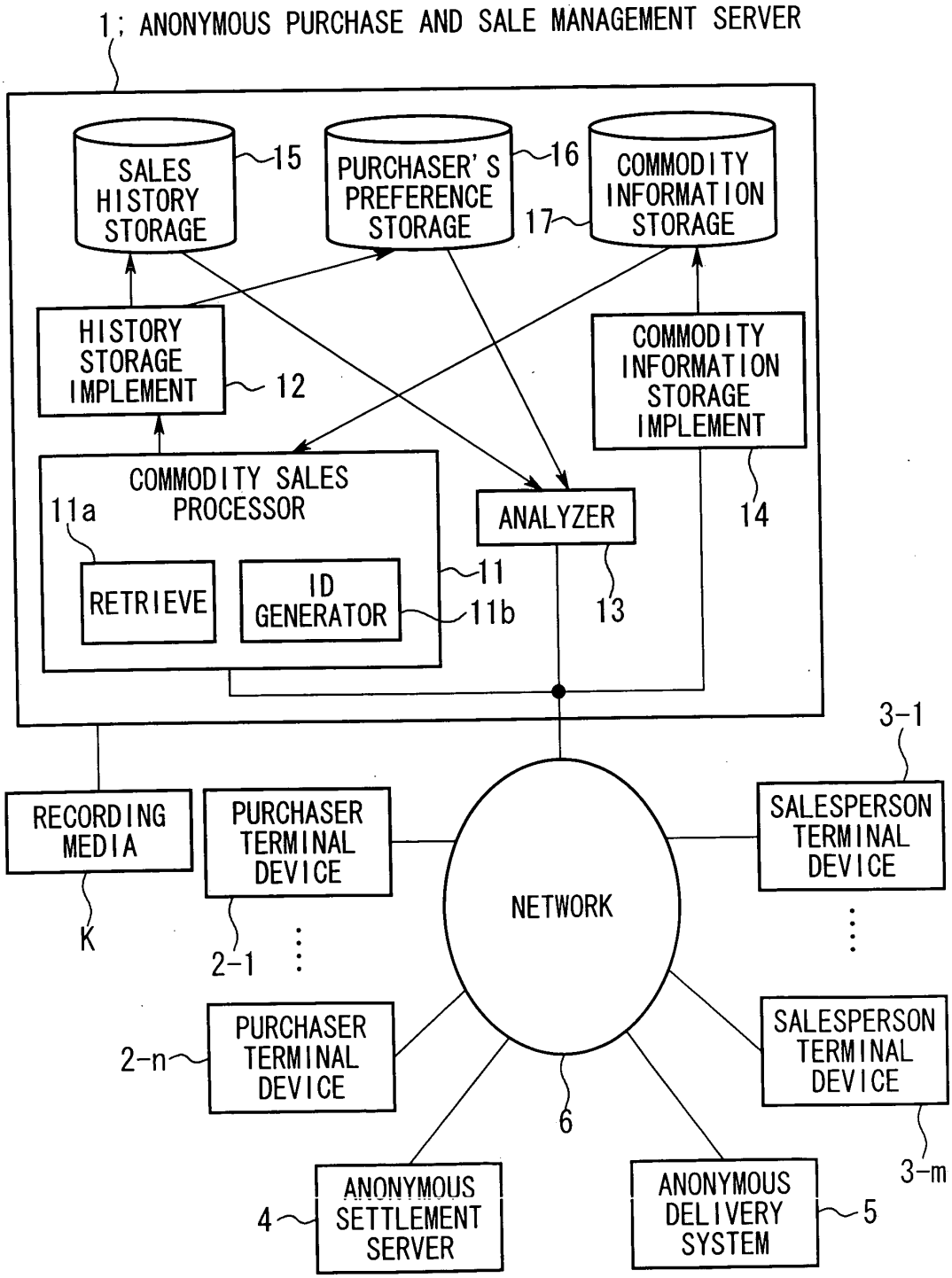

1; ANONYMOUS PURCHASE AND SALE MANAGEMENT SERVER
SALES HISTORY STORAGE
15
PURCHASER'S PREFERENCE STORAGE
16
COMMODITY INFORMATION STORAGE
17
HISTORY STORAGE IMPLEMENT
12
COMMODITY INFORMATION STORAGE IMPLEMENT
14
COMMODITY SALES PROCESSOR
11a
RETRIEVE
ID GENERATOR
11b
11
ANALYZER
13
RECORDING MEDIA
K
PURCHASER TERMINAL DEVICE
2-1
2-n
NETWORK
6
SALESPERSON TERMINAL DEVICE
3-1
3-m
ANONYMOUS SETTLEMENT SERVER
4
ANONYMOUS DELIVERY SYSTEM
5

FIG. 2

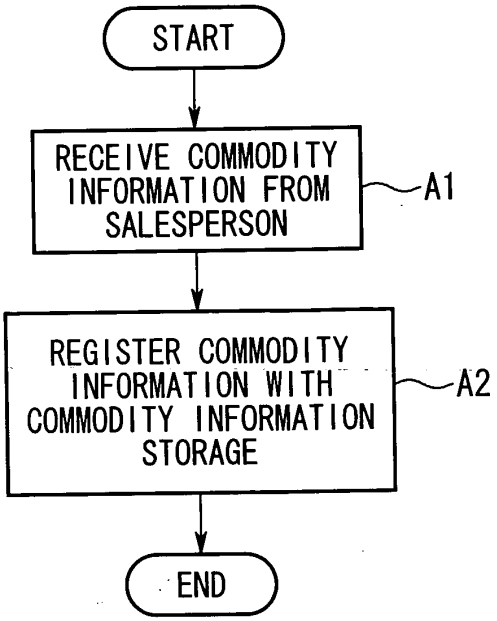

START
RECEIVE COMMODITY INFORMATION FROM SALESPERSON
A1
REGISTER COMMODITY INFORMATION WITH COMMODITY INFORMATION STORAGE
A2
END

FIG. 5

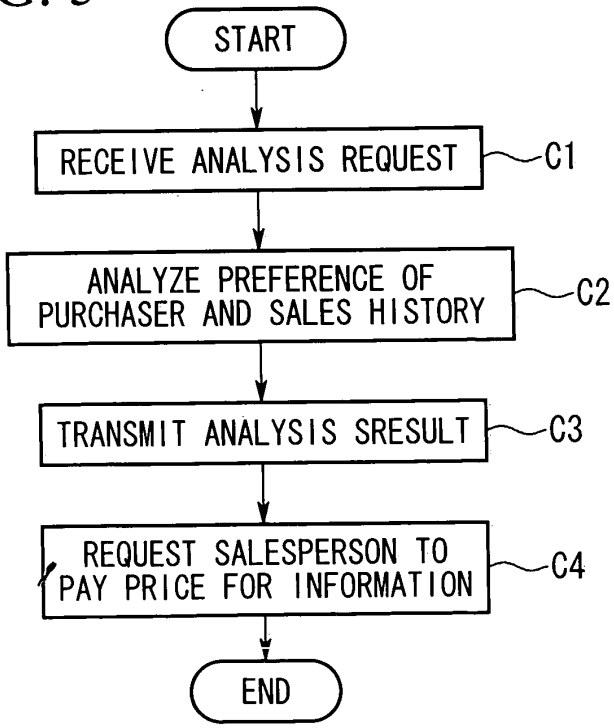

START
RECEIVE ANALYSIS REQUEST
C1
ANALYZE PREFERENCE OF PURCHASER AND SALES HISTORY
C2
TRANSMIT ANALYSIS SRESULT
C3
REQUEST SALESPERSON TO PAY PRICE FOR INFORMATION
C4
END

FIG. 3

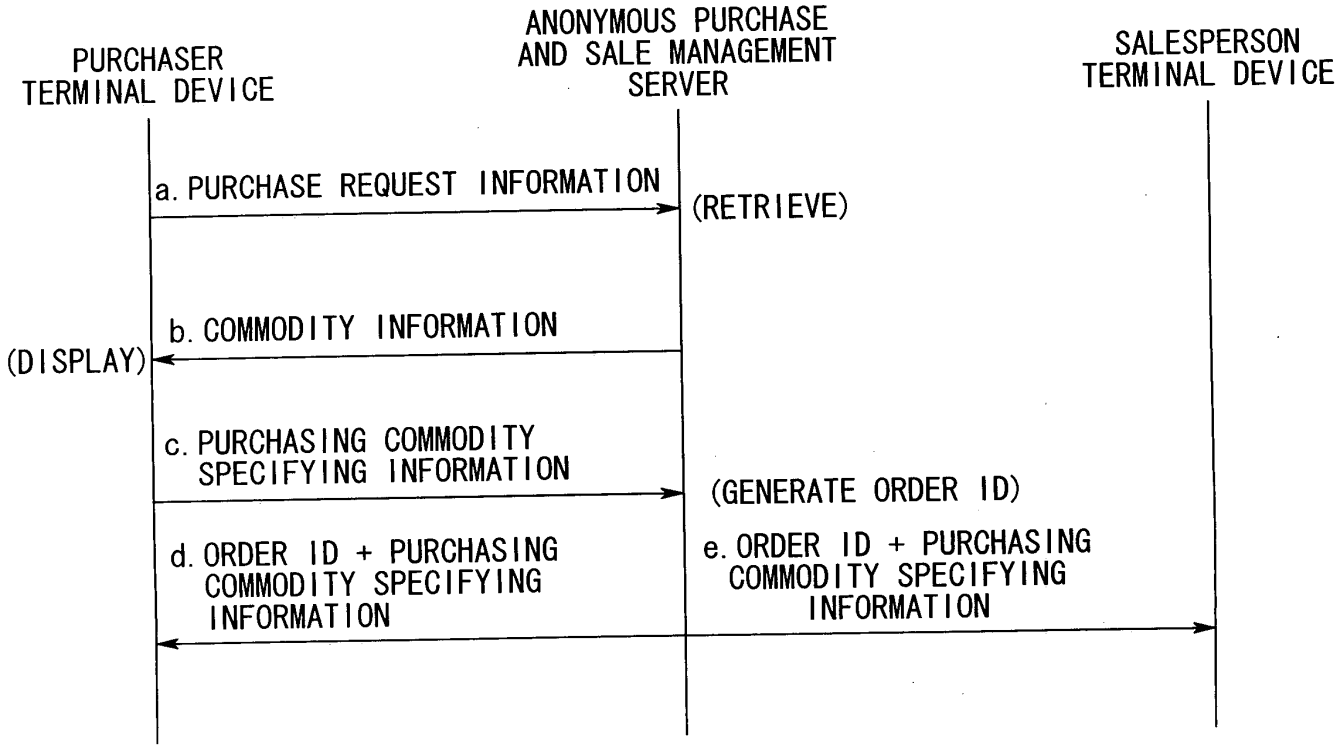
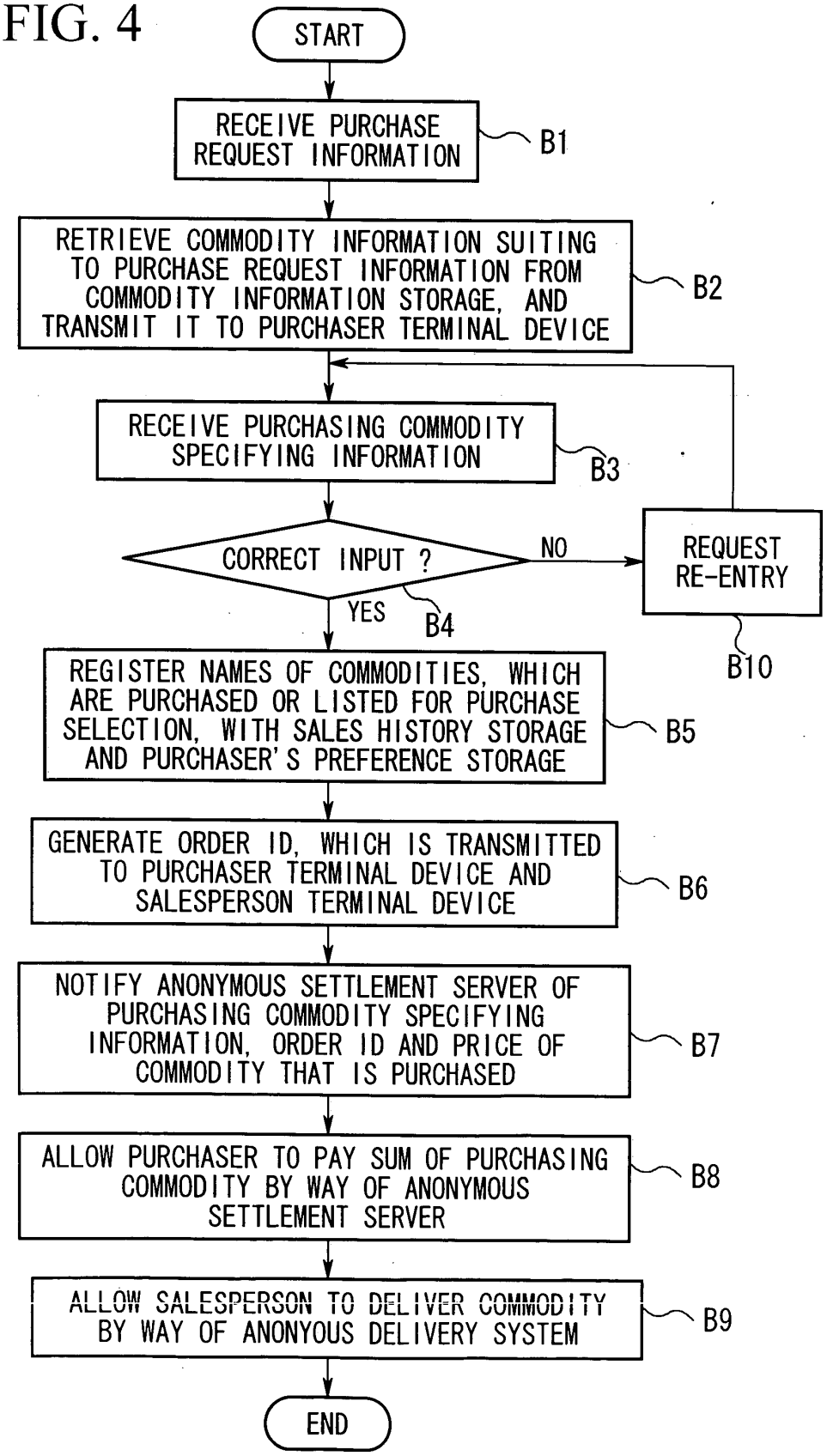

PURCHASER TERMINAL DEVICE
ANONYMOUS PURCHASE AND SALE MANAGEMENT SERVER
SALESPERSON TERMINAL DEVICE
a. PURCHASE REQUEST INFORMATION
(RETRIEVE)
b. COMMODITY INFORMATION
(DISPLAY)
c. PURCHASING COMMODITY SPECIFYING INFORMATION
(GENERATE ORDER ID)
d. ORDER ID + PURCHASING COMMODITY SPECIFYING INFORMATION
e. ORDER ID + PURCHASING COMMODITY SPECIFYING INFORMATION

FIG. 4


START
RECEIVE PURCHASE REQUEST INFORMATION
B1
RETRIEVE COMMODITY INFORMATION SUITING TO PURCHASE REQUEST INFORMATION FROM COMMODITY INFORMATION STORAGE, AND TRANSMIT IT TO PURCHASER TERMINAL DEVICE
B2
RECEIVE PURCHASING COMMODITY SPECIFYING INFORMATION
B3
CORRECT INPUT ?
NO
YES
B4
REQUEST RE-ENTRY
B10
REGISTER NAMES OF COMMODITIES, WHICH ARE PURCHASED OR LISTED FOR PURCHASE SELECTION, WITH SALES HISTORY STORAGE AND PURCHASER'S PREFERENCE STORAGE
B5
GENERATE ORDER ID, WHICH IS TRANSMITTED TO PURCHASER TERMINAL DEVICE AND SALESPERSON TERMINAL DEVICE
B6
NOTIFY ANONYMOUS SETTLEMENT SERVER OF PURCHASING COMMODITY SPECIFYING INFORMATION, ORDER ID AND PRICE OF COMMODITY THAT IS PURCHASED
B7
ALLOW PURCHASER TO PAY SUM OF PURCHASING COMMODITY BY WAY OF ANONYMOUS SETTLEMENT SERVER
B8
ALLOW SALESPERSON TO DELIVER COMMODITY BY WAY OF ANONYOUS DELIVERY SYSTEM
B9
END